

PUBLIC NOTICE

PERMIT APPLICATION: NRS 04.270

APPLICANT: Graymere Country Club
Lea Meier, Manager
2100 Country Club Lane
Columbia, Tenn. 38401
(931) 388-4455

LOCATION: Little Bigby Creek at Graymere Golf Course, south of State Highway 243
Columbia, Maury County 35.5929 N, -87.0730 W

WATERSHED DESCRIPTION: Little Bigby is located in the Lower Duck watershed (HUC 06040003) and is fully supporting its designated water quality uses (domestic water supply, industrial water supply, recreation, fish and aquatic life, livestock watering and wildlife, and irrigation). The surrounding land use is primarily residential and agricultural, including the golf course. The calculated September median flow for Little Bigby at the Graymere Country Club is 3.35 cfs, based on USGS data from 1987 to 2004.

PROJECT DESCRIPTION: The intake and water withdrawal system is an existing operation at the Graymere Country Club. The applicant proposes to continue withdrawing at their current instantaneous rate of approximately 0.22 cfs (cubic feet per second), but to stop withdrawing from the creek if the flow falls below 3.5cfs. There is an existing pair of low weirs upstream of the intake that provides a reference point for determining a stage-discharge relationship. The applicant has retention ponds on the property that can be used for low-creek flow periods of short duration. In addition, facilities to use city water for irrigation are available, if needed.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will not result in degradation to water quality.

PERMIT COORDINATOR: Juliana W. Kyzar

USGS TOPOGRAPHIC QUADRANGLE: Columbia 57-SE



Photo 1: Looking upstream towards location of intake (on bridge.)

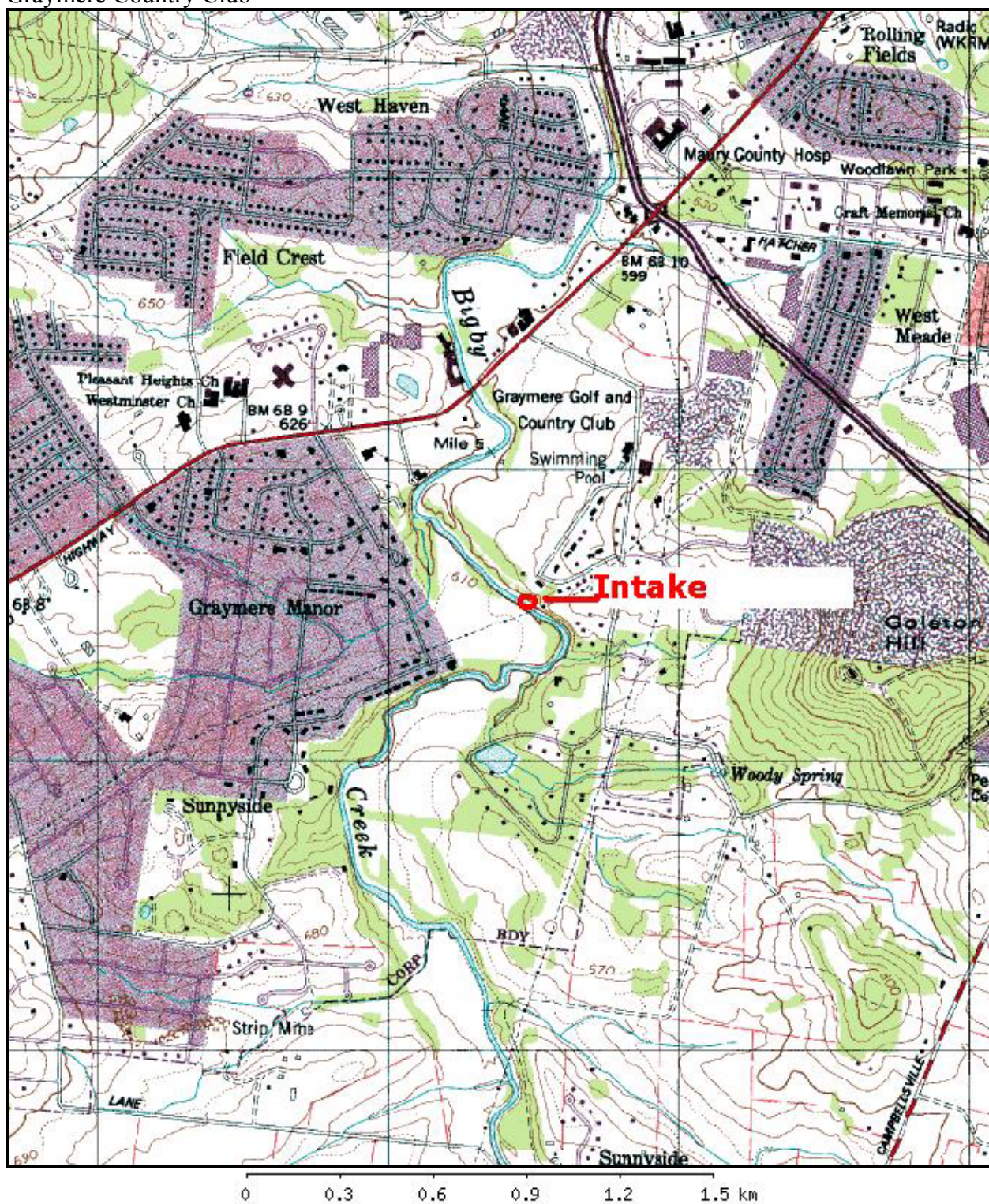


Figure 1: USGS 7.5-minute topographic map with intake point indicated.